
Custom Cooling and Heating Coils

For OEM, New and Replacement Applications

- Chilled Water
- Hot Water
- Steam
- DX



Nortek Air Solutions *High Quality* and Reliable Coils



Nortek Air Solutions brand has served its customers as a reliable manufacturer of custom-engineered cooling and heating coils. Why settle for a catalog answer when Nortek can provide innovative solutions designed and manufactured for your specific application?

Whether it is a unique coil size, special material of construction, flexibility in delivery, or demanding performance, Nortek Air Solutions has the experience and expertise to design a solution for you. Flexibility and value are what bring customers back to Nortek.

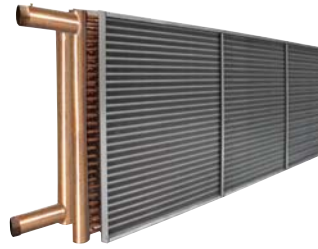
Quick Ship Program

Nortek Air Solutions can manufacture custom replacement coils or new coils to meet even the most demanding timelines. Whether the need is in days or in weeks, we can deliver a solution on time and on spec.



For your coil needs contact us at nortekairinfo@nortek.com.

Coil Types



Hydronic (WC) coils

- Cooling, heating and general heat transfer applications
- Use with water or thermal fluids such as ethylene or propylene glycol



Evaporator (DX) coils

- Air conditioning, dehumidification and refrigeration applications
- For use with a wide variety of refrigerants
- Multiple circuit arrangements are available such as face split, row split or intertwined circuiting
- Coils come with distributor leads and distributor



Steam (SS) coils

- Heating and drying applications
- Standard or steam distribution types
- Low temperature / pressure steam (≤ 15 psig or 103 kPa)

Nortek Air Solutions Performance you can *Trust*

AHRI Certified™ Performance

Our standard coil performance is certified to AHRI Standard 410. To maintain its certification, we submit coils to an independent testing laboratory for the purpose of verifying performance.

Specifying AHRI Certified™ performance gives you the confidence the coil will perform as scheduled. AHRI Certified coil performance is also useful during the verification process for LEED® and other building certification programs.

Our engineers can design a coil to operate in a wide range of fluid pressures and temperatures. Every coil that Nortek manufactures is subjected to underwater dry air pressure testing to 500 psig (3.4 MPa) to confirm manufacturing integrity. Standard operating pressure ratings are 250 psig (1.7 MPa) for hydronic and evaporator coils and 15 psig (103 kPa) for steam coils. Higher pressure ratings are available.



Every coil is submerged in a tank of water and pressurized with dry air to check for leaks.

Quality Guarantee

Nortek warrants to the original buyer that Nortek Air Solutions coils will be free of defects in material and workmanship for 12 months following installation or 18 months following ship date, whichever occurs first, under normal use and regular service and maintenance. See the full warranty on our website, www.nortekair.com.



Custom Materials

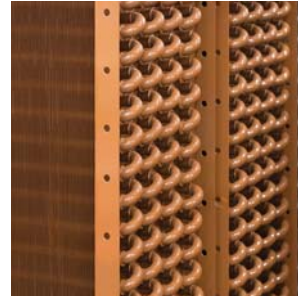
Higher operating pressure and temperature limits are available. Options to meet your operating conditions include:

- Copper tubes 1/2" and 5/8" (13 and 16 mm)
- Aluminum or copper fins
- Galvanized or stainless steel casings



Operating in corrosive environments can decrease the life of a coil. This is why Nortek offers solutions to help protect your investment – solutions such as coil protective coatings and treatments that include:

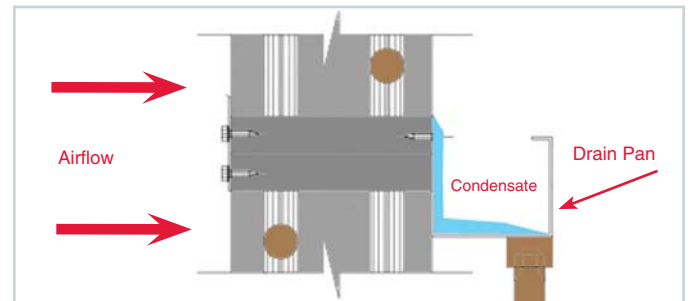
- Heresite®
- ElectroFin®
- Blygold®
- Other coating types available upon request



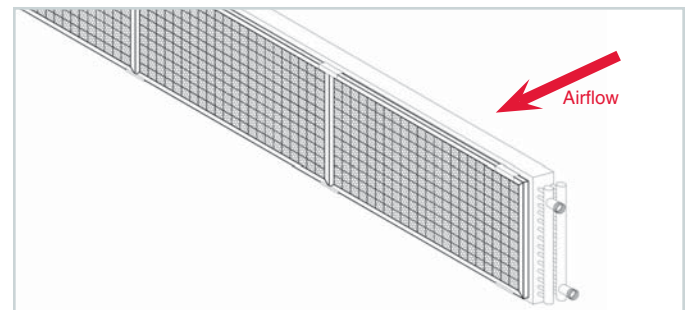
Coil Accessories

Other coil accessories available include:

- Coil rack for stacking and securing multiple coils
- Drain pan for the collection and removal of condensate
- Mist eliminator to help prevent moisture carryover downstream



Intermediate drain pan for removal of condensate from coil banks.



Mist eliminators to help prevent moisture carryover downstream.

Nortek Air Solutions *Flexibility and Value*

Standard Lead Time

Standard shipping lead time is 3-to-4 weeks, except for special tube/fin material requirements.

Quick Ship Lead Time Options

The following reduced shipping lead times are available:

- 2 weeks
- 5, 4, 3, or 2 working days
- **24 hours**

Quick Ship Program

Nortek Air Solutions will ship coils on or before the **confirmed ship date** or we will reduce the net price by 2% for every work day late up to five days. **NOTE:** Not responsible for carrier delays.

SMART Coil Selection and Ordering Capabilities

Contact to request access and begin making **SMART** coil selections through our online quote system!



Coil Construction Options

Tube OD Diameter	5/8" (16 mm)	1/2" (13 mm)
Finned Length	6" to 240" (152 to 6096 mm)	7.5" to 240" (191 to 6096 mm)
Finned Height	6" to 99" (152 to 2515 mm)	7.5" to 100" (191 to 2540 mm)
Fins / Inch	6 to 14	8 to 14
Fin Material / Thickness	Aluminum: 0.008" or 0.010" (0.20 or 0.25 mm) Copper: 0.006", 0.008" or 0.010" (0.15, 0.20, or 0.25 mm)	Aluminum: 0.006" (0.15 mm) Copper: 0.006" (0.15 mm)
Fin Surface	Corrugated	Sine Wave
Tube Material / Thickness	Copper: 0.020", 0.025", 0.035" or 0.049" Copper: (0.51, 0.64, 0.9 or 1.25 mm)	Copper: 0.017" or 0.025" Copper (0.43 or 0.64 mm)
Rows	1 to 6, 8, 10, 12 or 14	
Header Material/ Connection Type	Hydronic/Steam coils: Header in Copper/Connections in Red Brass Schedule 40 (MPT), Victaulic Groove or Sweat Available DX Coils: Header in Copper/Liquid Connections Brass O.D. Sweat	
Casing Material	Galvanized, 304 or 316 Stainless Steel - 14 and 16 GA Options	

Specifications and illustrations subject to change without notice and without incurring obligation.

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Nortek Air Solutions, LLC is a leader in innovative custom and engineered HVAC solutions for commercial, industrial and critical environments. Nortek Air Solutions is a global diversified company delivering broad capabilities and a wide array of innovative, technology-driven products and solutions for lifestyle improvements at home and at work.